



# ROK-ON™ Structural Insulated Sheathing

*Structure, Insulation and Fire Performance – All in one sheathing*

An innovative structural insulated sheathing system for the building envelope that exceeds code requirements for energy and fire performance. Installation is quick and eliminates many of the steps and complexity required in common code-mandated assemblies.

## Superior Performance



ROK-ON™ is made by bonding our proprietary fiberglass reinforced ceramic cement sheathing (FRCC) to expanded polystyrene foam in a thin structural panel. The EPS core is surrounded by a 6mm sheet next to framing and a 12mm sheet to the exterior. The result is a 2 ¾" all-in-one structural sheathing with superior performance compared to common substrates for the building envelope.



- ✓ Attaches like normal sheathing
- ✓ Non-combustible - 0 flame / 0 smoke spread
- ✓ Will not rot
- ✓ Will not support mold or mildew
- ✓ Water resistant
- ✓ Impact resistant
- ✓ Termite resistant

## The Hard Way



- ✓ More Layers – More chances to fail
- ✓ Difficult to construct
- ✓ More sub-contractors
- ✓ Increased completion time
- ✓ Expensive cladding attachment
- ✓ Difficult to prefabricate

And more

## The ROK-ON™ Way



- ✓ Superior performance
- ✓ Installed faster
- ✓ Lower installed cost
- ✓ Architecturally flexible
- ✓ Fire and energy compliant
- ✓ Perfect for prefabrication

And more

## Code Compliance

ROK-ON™ is fully code compliant to both the USA and Canadian building codes. The system has been tested to over 63 ASTM standards for fire, energy and structural performance. This provides assurance that the product meets the code mandates for performance. Actual testing reports can be supplied upon request.



### Fire Performance



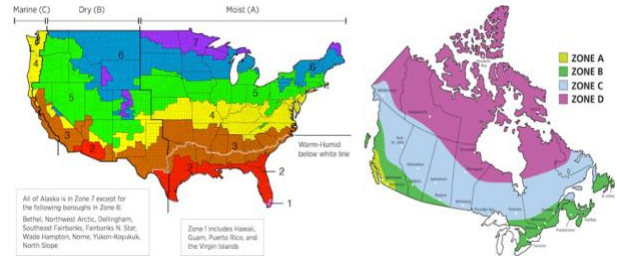
| Fire Code Testing Requirement | ASTM E-136 Non-Combustible | ASTM E 84 Flame and Smoke Spread | ASTM E 119 UL 263 Fire Rated Assemblies | NFPA 285 CAN/ULC S-134 Multi Story Fire Test |
|-------------------------------|----------------------------|----------------------------------|---|--|
| ROK-ON™ Rating                | Non-combustible            | 0 Flame / 0 Smoke                | 1-hour and 2-hour rated assemblies      | Passed                                       |



### Energy Performance



ROK-ON™ is R 10.5 exceeding code requirements for continuous insulation



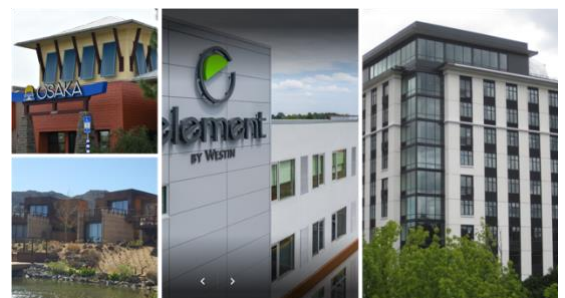
## Prefabrication

ROK-ON™ is ideal for prefabrication. Its strength can allow for large prefabricated wall assemblies to be fabricated and lifted into place. Productivity significantly increased.



## Architectural Flexibility

ROK-ON™ SIS has tremendous architectural flexibility. The face of the panel has significant pull-out and pull-through strength and in many cases can accept and hold fasteners for cladding attachment. This can help reduce or eliminate expensive attachment systems. Installation can also be accomplished much faster. The system can also accept direct applications of stucco systems and brick/stone veneers.



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